

9/6/04

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PTO/SB/08B (08-03)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	U.S. National Phase of PCT/JP03/07919/507275	
			Int'l Filing Date	March 12, 2003	
			First Named Inventor	Masai, Hisao	
			Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	082368-001100US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
[Signature]	AA	EP	1 050 581	A1	11/08/2000	Medical & Biological Laboratories Co., Ltd		<input type="checkbox"/>
	AB	EP	1 207 395	A1	05/22/2002	Medical & Biological Laboratories Co., Ltd		<input type="checkbox"/>
	AC	JP	2000-135090 (in Japanese, English abstract provided)		05/16/2000	Japan Science and Technology Corp.	Abstract Only	<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
[Signature]	AD	KUMAGAI, Hiroyuki et al.; "A Novel Growth- and Cell Cycle-Regulated Protein, ASK, Activates Human Cdc7-Related Kinase and Is Essential for G/S Transition in Mammalian Cells"; <u>Molecular and Cellular Biology</u> ; 1999, pp. 5083-5095; Vol. 19, No. 7; American Society for Microbiology		
	AE	MASAI, Hisao and Ken-Ichi ARAI; "Cdc7 Kinase Complex: a Key Regulator in the initiation of DNA Replication"; <u>Journal of Cellular Physiology</u> ; 2002; pp. 287-296; Vol. 190; Wiley-Liss, Inc.		

SHERIDAN SWOPE, PH.D.
PRIMARY EXAMINER

Examiner Signature	SHERIDAN SWOPE, PH.D.	Date Considered	NOV 24 2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

5/15/06

Substitute for form 1449A&B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known		
				Application Number	10/507,275	
				Filing Date	March 12, 2003	
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				Art Unit		
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AF	WO	01/96557	A2/A3	12-20-2001	Pharmacia & Upjohn SPA		<input type="checkbox"/>
	AG	EP	1 125 947	A1	08-22-2001	Japan Science and Technology Corporation; Kenichi Arai; and Hisao Masai		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
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	AH	OGINO, Keiko <i>et al.</i> ; "Bipartite binding of a kinase activator activates Cdc7-related kinase essential for S phase"; <i>The Journal of Biological Chemistry</i> ; August 17, 2001; pp. 31376-31387; Vol. 276, No. 33	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	SHERIDAN SWOPE, PH.D. PRIMARY EXAMINER	Date Considered	NOV 24 2006
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9/22/06

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		Country Code ³	Number ⁴					
	AI	WO	01/11367	A1	02-15-2001	Medical and Biological Laboratories Co., Ltd		<input type="checkbox"/>
	AJ	EP	064689	A1	03-06-2002	Medical and Biological Laboratories Co., Ltd		<input type="checkbox"/>
	AK	JP	80-155719	A	09-21-1985	Ajinomoto Co., Inc.		<input type="checkbox"/>
	AL	JP	2001-161398	A	06-19-2001	Medical and Biological Laboratories Co., Ltd		<input type="checkbox"/>

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	AM	ISHIMI, Y. <i>et al.</i> ; "Biochemical activities associated with mouse Mcm2 protein"; <u>J. Biol. Chem.</u> 276(46):42744-42752 (November 16, 2001)	<input type="checkbox"/>
	AN	KIMURA, H. <i>et al.</i> ; "Mouse MCM proteins: complex formation and transportation to the nucleus"; <u>Genes Cells</u> 1(11):977-993 (November 1996)	<input type="checkbox"/>
	AO	MASAI, H. <i>et al.</i> ; "Human Cdc7-related kinase complex. <i>In vitro</i> phosphorylation of MCM by concerted actions of Cdk's and Cdc7 and that of a critical threonine residue of Cdc7 by Cdk's"; <u>J. Biol. Chem.</u> 275(37):29042-29052 (September 15, 2000)	<input type="checkbox"/>
	AP	OHMI, K. <i>et al.</i> ; "Induction of giant endothelial cells in culture by K-252a, a protein kinase inhibitor"; <u>Jpn. J. Pharmacol.</u> 63(2):195-202 (October 1993)	<input type="checkbox"/>
	AQ	SUZUKI, S. <i>et al.</i> ; "Enzyme-linked immunosorbent assay for distinct cyclin-dependent kinase activities using phosphorylation-site-specific anti-pRB monoclonal antibodies"; <u>Anal. Biochem.</u> 301(1):65-74 (February 2002)	<input type="checkbox"/>
	AR	TODOROV, I. T. <i>et al.</i> ; "A human nuclear protein with sequence homology to a family of early S phase proteins is required for entry into S phase and for cell division"; <u>J. Cell. Sci.</u> 107(Pt 1):253-265 (January 1994)	<input type="checkbox"/>
	AS	WARN-CRAMER, B. J. <i>et al.</i> ; "Characterization of the mitogen-activated protein kinase phosphorylation sites on the connexin-43 gap junction protein"; <u>J. Biol. Chem.</u> 271(7):3779-3786 (February 16, 1996)	<input type="checkbox"/>
	AT	ZHANG, Y. <i>et al.</i> ; "Identification of phosphorylation sites unique to the B form of human progesterone receptor. <i>In vitro</i> phosphorylation by casein kinase II"; <u>J. Biol. Chem.</u> 269(49):31034-31040 (December 9, 1994)	<input type="checkbox"/>
	AU	DATABASE; Geneseq Accession No. AD019248; "Human PRO polypeptide #90"; August 12, 2004	<input type="checkbox"/>

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